

# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.: S-99,917

First Inventor or Application Identifier: John Galbraith

Title: VISION-BASED OBSTACLE AVOIDANCE

Express Mail Label No.: ER311841353US

## APPLICATION ELEMENTS

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ \* Fee Transmittal Form (e.g. PTO/SB/17)  
(submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages: 34]  
☒ Descriptive title of the Invention  
☒ Cross References to Related Applications  
☒ Statement Regarding Fed sponsored R&D  
☒ Reference to sequence listing, a table  
or a computer program listing appendix  
☒ Background of the Invention  
☒ Brief Description of the Drawings (if filed)  
☒ Detailed Description  
☒ Claim(s)  
☒ Abstract of the Disclosure
4. ☒ Drawings(s) (35 U.S.C. 113) [Total Sheets: 7]  
☒ Formal ☐ Informal
5. ☒ Declaration & Power of Attorney  
[Total Pages: 2]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 C.F.R. § 63(d)  
(for continuation/divisional with Box 16 completed)  
c. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).

6. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & documentation)
9. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
10. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
13. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
14. ☐ Nonpublication Request and Certification Under 35 U.S.C.  
122(b)(2)(b)(i)
15. ☒ Other: Compact Discs (2)

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application S.N. \_\_\_\_/\_\_\_\_.

Prior application information:

Examiner:

Group/Art Unit:

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 16. CORRESPONDENCE ADDRESS

☒ Customer NumberOR ☐ Correspondence Address Below

35068

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Signature:

Date:

10/17/2003

15757 U.S. PTO  
10/689924

10/17/03

# FEE TRANSMITTAL

## For FY 2004

Patent fees are subject to annual revision  
(submit an original and a duplicate for fee processing)

### Complete if Known

Application Number:	
Filing Date:	
First Named Inventor:	John Galbraith
Examiner Name:	
Group/Art Unit:	
Attorney Docket No.:	S-99,917

### METHOD OF PAYMENT

1. ☒ The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number: **12-2150**  
 Deposit Account Name: Los Alamos National Laboratory
- ☒ Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17
- ☒ Applicant claims small entity status. See 37 CFR 1.27

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$770	\$385	Utility filing fee	385
\$770	\$385	Reissue filing fee	
\$160	\$80	Provisional filing fee	

**SUBTOTAL (1) \$385**

#### 2. EXTRA CLAIM FEES

			Extra Claims	Fee from Below	Fee Paid
Total Claims	4	-20** =	0	X 0	= 0
Independent Claims	2	-3 ** =	0	X 0	= 0
Multiple Dependent					=

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description
\$18	\$9	Claims in excess of 20
\$86	\$43	Independent claims in excess of 3
\$290	\$145	Multiple dependent claim, if not paid.
\$86	\$43	** Reissue independent claims over original patent
\$18	\$9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$0**

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$130	\$65	Surcharge – late filing fee or oath	
\$50	\$25	Surcharge – late provisional filing fee or cover sheet	
\$2,520	\$2,520	For filing a request for reexamination	
\$110	\$55	Extension for reply within first month	
\$420	\$210	Extension for reply within second month	
\$950	\$475	Extension for reply within third month	
\$1,480	\$740	Extension for reply within fourth month	
\$2,010	\$1,005	Extension for reply within fifth month	
\$330	\$165	Notice of Appeal	
\$330	\$165	Filing a brief in support of an appeal	
\$290	\$145	Request for oral hearing	
\$110	\$55	Petition to revive – unavoidable	
\$110	\$55	Terminal Disclaimer	
\$1,330	\$665	Petition to revive – unintentional	
\$130	\$130	Petitions to the Commissioner	
\$50	\$50	Petitions related to provisional applications	
\$180	\$180	Submission of Information Disclosure Statement	
\$770	\$385	Filing a submission after final rejection (37 CFR 1.129 (a))	
\$770	\$385	For each additional invention to be examined (37 CFR 1.129(b))	
\$100	\$100	Certificate of Correction	
\$300	\$300	Publication fee for early, voluntary, or normal publication	
\$770	\$385	Request for Continued Examination (RCE)	
Other fee (specify) _____			
<b>SUBTOTAL (3)</b>			<b>\$0</b>

Reduced by Basic Filing Fee Paid

<b>SUBTOTAL FROM 1</b>	<b>\$385</b>
<b>SUBTOTAL FROM 2</b>	<b>\$0</b>
<b>SUBTOTAL FROM 3</b>	<b>\$0</b>
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>\$385</b>

### SUBMITTED BY

### Complete (if applicable)

Printed Name: Mark W. Fitzgerald

Reg. No. 48,300

Signature: 

Date: 10/17/03

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